

COMPACT PENDANT SPRINKLER HEAD

ABSTRACT OF THE INVENTION

A pendant sprinkler head includes a sprinkler body formed with a central orifice, and a sealing member positioned within the orifice and in sealing engagement with the inlet. A deflector assembly is at least partially positioned within the orifice and includes an annular ring having a pair of attachment arms secured to a deflector plate positioned in proximity to, or partially within the outlet. A retaining ring positioned within the orifice acts as a stop, preventing the annular ring from being expelled from the orifice. According to another aspect of the invention, a pendant sprinkler head includes a sprinkler body and a body extension connected to the body. A deflector plate is formed with a plurality of support members received by a retaining ring positioned in proximity to the bottom of the sprinkler body, and within the body extension. The body extension is configured to capture the retaining ring upon activation, enabling the deflector plate to depend below the body extension.

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